



## AMERICAN FISHERIES SOCIETY SOUTHERN NEW ENGLAND CHAPTER NEWSLETTER

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September 1992  
Volume 1, Number 2

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### PRESIDENT'S CORNER

Opinions! Everybody has em ... and we need to hear em! We need to know what you think at meetings of our Program Development Committee, ... our Education Committee, ... our Environmental Affairs Committee, ... our Professionalism Committee, and at our EXCOM/Board of Directors meetings. Most of all, we need you to attend and participate in the biannual Chapter meetings.

A lot of work has gone into the development of a long-range plan for the Southern New England Chapter. The cornerstone of this effort was the creation of four committees and a Board of Directors. This was done in part to "open up" the Chapter to broader participation. With more people involved, the Chapter should become more responsive to membership desires and, in the long run, more of an asset to our professional lives. The key point is that we need to get more people involved to be successful. Now I know what you're thinking ... "If I attend one of these meetings, I'm going to get stuck with some job I don't want and don't have the time to do!" It doesn't have to be that way. Sure, people will try to enlist your assistance. But if it's not the right time for you to make such a commitment, than simply follow the advice of a recent politician and "Just say no." What we need most are your ideas and opinions! I strongly believe that so long as these meetings inspire interesting ideas and provoke stimulating discussions, that activism will take care of itself.

To find out the date/time/place of any of the committee meetings you should either contact the committee chairs directly (names and work phone numbers follow this column), or give me a call at (203) 566-4477. In the future we hope to have many of these meetings announced in the newsletter.

**An Important Reminder:** The Chapter's 25th anniversary meeting will be held Wednesday, December 9, at the Host Hotel and Conference Center in Boxborough, MA. The program is scheduled to include a morning session on the controversy surrounding the present and future management of our North Atlantic groundfish resources. Presentations will be made by representatives of the fishing industry, the National Marine Fisheries Service, the New England Fishery Management Council, and the Conservation Law Foundation, whose aggressive legal action forced this issue into prominence. A discussion period will be held, followed by a banquet style luncheon and a keynote address by incoming AFS President Carlos Fetterolf. The afternoon session will feature invited papers on zebra mussels. Impacts of infestation, results of current research on dispersal mechanisms, and recommendations for managing the problem will be emphasized. This is particularly timely because zebra mussels are certain to make their appearance in southern New England during the next year or two.

I am very much looking forward to this event and

hope the importance of our 25th anniversary, and excitement over this program, attract our largest meeting attendance ever.

- Bill Hyatt, SNEC President

## **CHAPTER LEADERS**

Executive Committee (EXCOM) members elected for annual terms that started as of the Chapter's annual business meeting in June are:

### **President**

William A. Hyatt  
Connecticut Dept. Envir. Prot.  
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FAX (203) 566-7921

### **President-Elect**

Linda E. Bireley  
Northeast Utilities Envir. Lab  
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Phone (203) 444-4235  
FAX (203) 444-5240

### **Secretary-Treasurer**

Daniel B. Hayes  
Northeast Fisheries Center  
National Marine Fisheries Service  
Woods Hole, MA 02543-1097  
Phone (508) 548-5123  
FAX (508) 548-1158

### **Past-President**

Donald D. Flescher  
Northeast Fisheries Center  
National Marine Fisheries Service  
Woods Hole, MA 02543-1097  
Phone (508) 548-5123  
FAX (508) 548-5123

Committee chairpersons are:

### **Program Development**

Eleanor Mariani  
Connecticut Dept. Envir. Prot.  
165 Capitol Avenue  
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Phone (203) 566-5191  
FAX (203) 566-7921

### **Environmental Affairs**

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Connecticut Dept. Envir. Prot.  
165 Capitol Avenue  
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### **Education**

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### **Professionalism**

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or  
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18 Route 6A  
Sandwich, MA 02563  
Phone (508) 888-1155  
FAX (508) 833-1457

## **ANNUAL SNEC BUSINESS MEETING**

The annual business meeting of the Southern New England Chapter was held on June 10, 1992 in Boston, MA. Minutes from the meeting were prepared by Secretary-Treasurer Linda Bireley and are included in full later in this newsletter.

Approximately 60 SNEC members attended the

meeting and technical sessions held at the Boston Harbor Campus of the University of Massachusetts. The meeting included a diversity of presentations on freshwater and marine fisheries issues. A special session on the management of northern pike featured presentations on current programs by representatives of the three southern New England state agencies. The lively panel discussion which ensued was an indication of the interest in this species.

After the technical sessions, meeting attendees were treated to a reception and cruise of Boston harbor on board the Envirolab III. This vessel is operated by Project Oceanology and Harbor Explorations for on-the-water marine educational programs for students, teachers and the general public. The gracious assistance of Dr. Mickey Weiss, Project Oceanology Director, in arranging the trip was appreciated by all.



Northern pike panel members (from left to right) Todd Richards, Chuck Phillips, Tim Barry and Bill Lapin at June Chapter meeting.

### PAST-PRESIDENT'S REMARKS

Don Flescher commented on several Chapter functions in closing remarks as President at the SNEC business meeting. The first topic was the Board of Directors. He challenged this group to clarify which issues can be resolved at the Board level and which should be resolved by the membership at the June business meeting. He

pointed out that the Board will meet for at least 10 hours next year, while the annual business meeting will only last about an hour. He encouraged members to get involved in Chapter operations by attending future Board meetings, which are always open to the general membership.

The second main theme of Don's comments was officer elections. He explained the current informal process that resulted in a single candidate for Secretary-Treasurer. He mentioned that many organizations offer a slate of officers with only one choice per office. This approach offers the advantages of stretching the potential pool of candidates and not alienating those who were defeated from future Chapter leadership positions.



Chapter President Bill Hyatt (left) presents Past-President's Certificate to Don Flescher at annual business meeting.

### AFS MEETINGS, PAST

The annual meeting of the AFS Northeastern Division was held May 5, 1992 at the 48th Northeast Fish and Wildlife Conference in Norfolk, VA. SNEC members form the nucleus of the new Division leadership team with **Ken Beal** as President, **Carolyn Griswold** as President-Elect, and **John Boreman** as Secretary-Treasurer.

Several SNEC members participated in an AFS workshop titled "East Coast Trout Management and Culture" that was held June 23-25, 1992 at the

Penn State University in State College, PA. The workshop featured separate sessions on habitat, regulations, stocking and culture and was extremely successful with approximately 230 participants. Conference organizers hope to hold another session in 1995 and would appreciate assistance in its organization. Contact: **Marty Marcinko**, Pennsylvania Fish and Boat Commission, (814) 359-5223.

### AFS MEETINGS, FUTURE

A meeting of the Southern New England Chapter Board of Directors will be held on October 5, 1992 starting at 9 am at the NMFS laboratory in Narragansett, RI. The official Board membership consists of the Executive Committee, Committee Chairs, and at-large members. However, Bill Hyatt and Don Flescher (see President's Corner and Past-President Remarks in this issue) encourage any interested Chapter member to attend. This session devotes much more time to Chapter activities than is available at the annual business meeting.

The Program Development Committee announces that the **25th Anniversary Meeting of the Southern New England Chapter** will be held December 9, 1992 at the Host Hotel and Conference Center in Boxborough, MA. The tentative agenda includes a panel discussion on groundfish management in the morning, a banquet luncheon featuring AFS President-Elect Carlos Fetterolf, and afternoon sessions on zebra mussels and shellfish diseases. Contact: **Eleanor Mariani**, Chairperson, Program Development Committee, (203) 566-5191.

### THE BOTTOM LINE

At the annual business meeting, Secretary-Treasurer Linda Bireley provided a report on the Chapter finances for September 1991 to June 1992. A summary of that Treasurer's Report follows:

Opening Balance	\$2197.72
Expenses	\$466.92
Income	\$1942.70
Ending Balance	\$3673.50

### REPORT OF COMMITTEE ON ENVIRONMENTAL AFFAIRS

The SNEC Committee on Environmental Affairs met on July 6, 1992 and made substantial progress on developing goals and objectives for committee activities in the coming year. The committee hopes to have these ready for consideration by the EXCOM at the Board meeting this fall.

The committee's central theme is COMMUNICATION. Tenants under which the goals and objectives are being formed are: 1) to protect and enhance fisheries habitat and production; 2) that we believe this production and enhancement should be science driven; and 3) to affect activities within the Chapter's regional area. Draft goals and objectives are:

**Goal:** Construct a network for communication among and between fisheries professionals, the public and resource conservation organizations.

Objective: Communicate "Environmental Topics" of regional importance to Chapter members through the newsletter.

Objective: Communicate "Environmental Topics" of regional importance to Chapter members through special programs at Chapter meetings (to be developed with the Program Development Committee).

Objective: Provide assistance to the Education Committee in communicating fisheries protection and enhancement themes to the public.

Objective: Conduct an inventory of resource conservation organizations within the region.

Objective: Conduct an inventory of AFS member activity within the regional resource conservation organizations.

Objective: Conduct a survey of issues and activities undertaken by regional resource

conservation organizations.

Objective: Develop a strategy for providing outreach, communication, and guidance on resource management options.

**Goal:** Communicate the functional relationships between habitat quality and quantity, water quality and quantity, and fisheries production.

Objectives: To be developed.

For more information, please contact **Rick Jacobson**, Chairperson, Committee on Environmental Affairs, (203) 566-2287.

## MEMBER NEWS/MIGRATIONS

**Ben Rizzo**, Chief Hydraulic Engineer with the U.S. Fish and Wildlife Service, Region 5 was one of two AFS members to receive a 1992 Chevron Conservation Award. Ben received the award for his significant contributions in the field of hydraulic engineering, fish passage technology, and the mitigation of adverse impacts of dam fish passage work in design and construction of fish passages at hydroelectric dams and other waterworks. He is credited with designing major fish passage facilities throughout the northeast, including Maine's Penobscot River, which has the largest Atlantic salmon run in the United States.

**Robert Jones** retired as chief of the Bureau of Fisheries and Wildlife of the Connecticut Department of Environmental Protection. Bob is a past recipient of a Chapter Award of Excellence. We wish him well. AFS member **Ernest Beckwith** has been appointed Director of the Fisheries Division.

**Jim Weaver** with the U.S. Fish and Wildlife Service has headed south for Florida (fortunately not South Florida). He recently assumed directorship of the National Fishery Research Center in Gainesville.

**David Borden** is serving as Acting Chief of the

Rhode Island Division of Fish and Wildlife. He replaced **John Stolgitis**, who was reassigned to the Water Quality Management Program to coordinate long term Narragansett Bay monitoring programs.

**Dennis Erkan** has recently started as a Senior Fisheries Biologist with the Rhode Island Division of Fish and Wildlife. His background with the Rhode Island Coastal Resources Program suits his initial assignment of developing a strategic plan for anadromous fish restoration in Rhode Island coastal streams.

New members of the American Fisheries Society in the Southern New England Chapter area since publication of the last newsletter through July 1992 include:

### Regular Members

Frank Almeida, Woods Hole, MA  
Thomas R. Azarovitz, Woods Hole, MA  
Robert G. Bachand, Norwalk, CT  
Hussain M. Bakir, Gloucester, MA  
  
Ernest E. Beckwith, East Haddam, CT  
Steven Correia, Fairhaven, MA  
Dennis Erkan, West Kingston, RI  
Hilarian A. Fernandez, Weston, MA  
William B. Gerrish, Forestville, CT  
Daniel Hag, Amherst, MA  
Buell Hollister, Brookline, MA  
Thomas P. Hurst, Belchertown, MA  
Eric W. Hutchins, Wakefield, RI  
Nicholas P. Kaputa, Stratford, CT  
Laura Katan, Manomet, MA  
Susan H. Lacey, Fairhaven, MA  
Kathy Lang, Woods Hole, MA  
Mark W. Machado, Wareham, MA  
Sharon Maclean, Narragansett, RI  
Margaret McBride, Woods Hole, MA  
Alan Moorhouse, Newton, MA  
Brian D. Nelson, East Bridgewater, MA  
Curtis J. Orvis, Framingham, MA  
Diane Rusanowsky, Milford, CT  
Regina Spallone, Milford, CT

Matthew J. Vanderhoop, Gay Head, MA

### **Student Members**

Eric Asadorian, Warwick, RI  
Gary Boyer, Warren, RI  
Chris G. Buerkett, Amherst, MA  
Paul G. Caruso, Marstons Mills, MA  
Kathleen M. Castro, Saunderstown, RI  
Karen Ellis, West Kingston, RI  
Dana-Lyn Hartley, Rochester, MA  
Elizabeth Herron, Wakefield, RI  
Steven R. Hokenson, Amherst, MA  
Steven H. Jury, Amherst, MA  
G. Stephen Long, Amherst, MA  
William G. Lucey, Wilton, CT  
David A. Mann, Woods Hole, MA  
Jennifer Pereira, Wakefield, RI  
Wayne E. Petroskey, East Haven, CT  
Guida Rahr, New Haven, CT  
Elizabeth Reichheld, New Haven, CT  
Kelly L. Steich, Bridgeport, CT  
Steven Williamson, Narragansett, RI

### **BEST STUDENT PAPER AWARD**

This year's winner of the Chapter Best Student Paper Award was Barbara Dorf, a graduate student at the University of Rhode Island. Her paper, delivered at the December 1991 meeting, was entitled "Abundance, Distribution and Habitat Characterization of Juvenile Tautog (Tautoga onitis) in Narragansett Bay." President Don Flescher presented Barbara a certificate and a \$100 check at the recent SNEC business meeting.



Barbara Dorf receives Best Student Paper Award from Don Flescher at annual business meeting.

### **CT DEP MARINE OFFICE MOVE**

The Marine Fisheries Program of the DEP Fisheries Division moved to newly-constructed offices in Old Lyme, CT in late July. Marine and anadromous fisheries biologists are now housed in the same location as marine law enforcement and boating education programs. The headquarters complex includes a marine repair facility for boats and motors, docks for DEP research vessels and smaller boats, and a boardwalk and fishing access sites for marine recreational fishing. The new mailing address is P.O. Box 719, Old Lyme, CT 06371. Telephone (203) 434-6043. FAX (203) 434-6150. Contact: **Eric Smith** at the new office.

### **CT RIPARIAN CORRIDOR PROTECTION**

The Connecticut Inland Fisheries Division has issued a policy statement concerning the protection of riparian corridors through the use of buffer zones. In essence, the policy establishes the maintenance of a 100 foot wide zone along each side of perennial streams and a 50 foot wide zone along intermittent streams. Specific buffer zone boundaries are to be measured from either, (1) edge of riparian inland wetland as determined by Connecticut inland soil delineation methods, or (2) in the absence of a riparian wetland, the edge of the stream bank based on bank-full flow conditions. As a supportive document, a position

paper has been written to help clarify the need for riparian corridor protection and the utilization of 100 foot buffer zones. Copies of the policy and position paper are available for public distribution. Contact: **Brian Murphy**, CT DEP, (203) 295-9523.

## **RESEARCH AND MANAGEMENT BRIEFS**

### **National Marine Fisheries Service:**

NMFS recently published a final rule for the 1992 and 1993 Atlantic bluefin tuna fishery. The rule implements the conservation recommendations of the International Commission for the Conservation of Atlantic Tunas (ICCAT). The major recommendations include: (1) a 10% reduction in the U.S. quota, (2) a 75% reduction in the opportunity to land fish less than 115 cm (45 inches), and (3) a prohibition on the sale of fish less than 178 cm (70 inches). These regulations are only interim measures, since NMFS will be developing a full fishery management plan for Atlantic bluefin tunas during the next year. Contact: **Richard Stone**, NMFS, (301) 713-2347.

Scientists studying harbor porpoise in the Gulf of Maine-Bay of Fundy have agreed that approximately 45,000 harbor porpoise live in the Gulf area and that sink gillnetters took four to five percent of the population while fishing in 1990 and 1991. This estimated bycatch rate in the sink gillnet fishery for the Gulf of Maine is higher than the mortality limit recommended for populations of this species by the International Whaling Commission (IWC). The IWC limit is based on the harbor porpoise's likely low reproductive rate. In view of the most recent population and bycatch estimates, researchers agreed that mortality in the Gulf of Maine-Bay of Fundy population should be reduced. Contact: **Tim Smith**, NMFS, (508) 548-5123.

NMFS and EPA scientists recently began testing a new observing system designed to monitor the health of the world's ecosystems. The system, known as the Aquashuttle, is expected to provide earlier warnings of possible damage to coastal

habitats, fisheries, and ecosystems brought about by climate change. The Aquashuttle, developed in cooperation with the United Kingdom, is a small sampling system that can be towed behind commercial vessels such as luxury liners or freighters. The system, weighing in at 200 pounds, uses a tightly-packed payload of sensors to gather data on ocean pollutants. A single launch will provide a continuous record of measurements for up to 500 miles. The tests of the Aquashuttle will be conducted off Rhode Island in Narragansett Bay by NOAA, EPA and the University of Rhode Island School of Oceanography. Contact: **Ken Sherman**, NMFS, (401) 782-3200.

### **Rhode Island Division of Fish and Wildlife:**

The Division has restored the annual oyster seeding program that was so successful in the late 1970's. Donated materials were used to refurbish three old oyster spat collecting rafts. These were set in Foster Cove, Charlestown, where the conditions were very conducive to successful reproduction and growth of oysters. In the latter part of 1991, over 600,000 seed oysters were harvested from the rafts and planted into depleted areas in Ninigret Pond and reintroduced into areas of Quonochontaug Pond. It is anticipated that these animals will reach harvestable size in 1993. Plans are underway to carry out a volunteer oyster transplant next spring in an effort to increase harvestable resources. Contact: **Arthur Ganz**, RI DFW, (401) 783-2304.

### **U.S. Army Corps of Engineers:**

The New England Division has entered into a cost-sharing agreement with the State of Connecticut to conduct a wetlands restoration investigation of the Leetes Island area in Guilford, CT. The purpose of the study is to assist the Connecticut Department of Environmental Management in developing a management approach to restore coastal wetlands impacted by the improper construction of tidal gates by private interests. The study will involve a description of the existing salt marsh hydrology and vegetation, the definition of a new hydrologic regime to

restore the desired wetland vegetation, and a recommendation of structural modifications needed to maintain the new regime. Contact: **Robert Davis**, U.S. Army COE, (617) 647-8236.

A draft report on the fish passage facility at the Charles River Dam has been completed by the New England Division. The study investigated the need for project modification that would lead to restoring fish migration past the dam. Results of the study favor continued use of navigation locks and upgrading of the fish ladder to support upstream and downstream migrations. Contact: **Robert Davis**, U.S. Army COE, (617) 647-8236.

### **GROUND FISH: AMENDMENT #5**

After holding coastwide public hearings on Amendment #5 to the Northeast Multispecies Fishery Management Plan, the Groundfish Committee of the New England Fishery Management Council is currently reviewing comments on the initial proposals. As currently written, Amendment #5 proposes to: 1) reduce fishing mortality on Atlantic cod, yellowtail flounder and haddock over five years to allow these species to maintain themselves at long-term average levels; 2) rebuild haddock stocks; 3) protect concentrations of small fish; and 4) improve the administration and enforcement of fishery management rules. The Council will hold a second round of hearings later this summer after any changes to the program have been finalized by the committee and reviewed by the Council.

A consent decree entered into last August by the Secretary of Commerce and the Conservation Law Foundation holds the Council to a September 1 deadline for submission of the five year rebuilding program for Atlantic cod and yellowtail flounder stocks and a ten year framework for haddock. Massachusetts Congressman Gerry Studds has introduced legislation which would overturn the consent decree. The Studds bill would give the Council until December 15 to develop its rebuilding plan. It would require that

groundfish stocks be rebuilt within seven years, instead of five.

### **RI ANADROMOUS FISH**

SNEC member Chris Powell provided a nice summary of Rhode Island's anadromous fish restoration program in the May 1992 issue of Briefings, the Division of Fish and Wildlife newsletter. Starting in 1966 and running through the 1970's, fish ladders were constructed and historical runs were rehabilitated by transplanting fish. Alewife runs have been restored on the Annaquatucket, Nonquit and Hunt Rivers, while American shad and Atlantic salmon are being restored in the Pawcatuck River. Efforts that were discontinued in the 1980's were reinitiated in 1990. Over the last two years the Division has transplanted over 25,000 alewife and blueback herring from healthy runs in the Cape Cod area to depleted historical runs in Rhode Island. Restoration efforts have focused on Nonquit Pond in Tiverton, Brickyard Pond in Barrington, Gilbert Stuart Pond in North Kingston, Saugatucket River in South County, and the Potowomut River in East Greenwich. A recently purchased 1,000 gallon circular tank will improve herring transport efficiency and assure quality fish. Contact: **Chris Powell**, RI DFW, (401) 789-0281.





### RECORD AMERICAN SHAD PASSAGE

Record numbers of American shad in 1992 used the Holyoke, MA fish passage facility on the Connecticut River and the Essex Dam fishway on the Merrimack River in Lawrence, MA. American shad counts were 721,359 at Holyoke and 20,796 at Lawrence. Corresponding counts of Atlantic salmon at these fish passage facilities on their upstream migrations were 482 at Holyoke and 197 at Lawrence, both higher than five-year (1987-91) averages of 140 and 174, respectively.

### THE OTHER EEC

Earthlab Environmental Cooperative (EEC), a public-private partnership consisting of Boston Edison Co., the Massachusetts Division of Marine Fisheries, the Southeast Regional Planning and Economic Development District, and the Plymouth-Carver Schools Regional Science Department, sponsors an annual environmental education conference for teachers. For the group's efforts, they have been awarded a Certificate of Environmental Achievement from Renew America, a national environmental organization based in Washington, DC committed

to restoring our nation's communities through environmental action. The Massachusetts Division of Marine Fisheries' contribution has been in assisting with organizational aspects of the conference and making presentations on fisheries biology of Cape Cod Bay. This year's EEC conference, "The Living Earth," will be held November 7, 1992, tentatively at Bridgewater State College. Contact: **Bob Lawton**, Mass. DMF (508) 888-1155.

### NEW AFS PHYSIOLOGY SECTION

A new AFS section is in the process of formation and is actively recruiting members. The purpose of the Physiology Section is to promote excellence in the science of fish physiology through improved communications between researchers and other professionals who want current information on physiological processes, tools and techniques. The objectives of the Section are: (1) to provide a forum for members to exchange information, express views, report on activities and discuss solutions to problems related to the processes, procedures, and impacts of physiological research and practice in fisheries; (2) to conduct meetings, symposia, and workshops to disseminate the results of basic and applied research on fish physiology to the scientific and professional community, resource users, and the general public; and (3) to promote participation and membership in the AFS by scientists and fisheries professionals with interests in the physiological biology of fish. Annual dues are \$2. Contact: **Colleen A. Caldwell**, National Fisheries Contaminant Research Center, 2630 Fanta Reed Road, La Crosse, WI 54602 Phone (608) 783-6451 FAX (608) 783-6066.

### NEW AFS PUBLICATION

The latest AFS textbook is entitled Creel and Angler Surveys in Fisheries Management. The book is a compendium of papers presented at a symposium held in 1990. It covers the full spectrum of survey techniques from the mail survey to the recently described bus route design.

Contact: **AFS** (301) 897-8616.

### **THE ENVY OF THE WORLD?**

According to the Boston Globe, the Construction Ministry has begun construction of a flood-control dam in the estuary of the Nagara River - the last wild river in Japan. Opponents claim that at the very least, the dam will drastically reduce fish populations by blocking annual upstream migrations and cutting off spawning grounds. However, they have little recourse because public hearings and environmental impact statements are not required under Japanese law.

"A river is there for humans to develop and make appropriate use of. That should be obvious to any sane person," said a spokesperson for the Construction Ministry. "We are concerned with the total environment for humans. And if the natural fish happen to die in the process, we possess the technology to supply new fish raised in captivity. So you see, there is really no problem."

To make its point, the government has plastered communities all along the Nagara with posters depicting smiling cartoon trout skipping nimbly up fish ladders. "You see how easy it is?" the captions read. "You see how happy we are to have the dam?"

- excerpted from Boston Globe 4/15/92

### **BIG FISH STORIES!**

The third largest striped bass ever captured on rod and reel was landed in New Haven, CT on Memorial Day 1992. The fish weighed 75.4 pounds. Biologists at the Connecticut DEP Marine Fisheries Office examined scale samples to estimate the fish's age to be between 21 and 25 years.

A 960-pound mako shark was landed off Nantucket Island on June 18, 1992. This was the fourth largest mako shark ever landed on rod and reel. The current IGFA all tackle record is 1115 pounds.

A potential world record American eel was caught in May at Big Cliff Pond on Cape Cod. The 8 pound, 9 ounce fish measured 46 inches in length and 10.5 inches in girth.

### **EDITOR STILL NEEDS HELP!**

Many thanks to SNEC members who have submitted articles for the first two newsletter issues. Also thanks to Rick Jacobson for the photographs in this issue. I still desperately need a contact person at each major fisheries organizational unit (eg, state agency, federal agency, university) for news items. Assistance is also needed in the production end of the newsletter. This ranges from desktop publishing skills to folding, stapling and pasting. Please give me a call if you can help in any way.

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Please note that FAX number listed in the first newsletter was incorrect. The number above will work.